

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): An image capture apparatus, comprising:

image-taking mode selection means, in which image-taking mode information containing information on a particular color determined according to a predetermined image-taking condition is set, for selecting desired image-taking mode information from the set image-taking mode information;

color convergence parameter storage means for storing a color convergence parameter value containing position data indicative of a position of a predetermined color in a color-difference plane, correction range setting data for setting to a correction range a predetermined range centered at the position of the predetermined color, and convergence coefficient data for converging a particular color corresponding to the correction range to the position indicative of the predetermined color;

color convergence parameter setting means for selecting and setting a color convergence parameter value for the corresponding particular color from the color convergence parameter storage means on a basis of the image-taking mode information selected by the image-taking mode selection means; and

color convergence correction processing means for correcting a particular color in a video signal into the predetermined color on a basis of a correction amount calculated on a basis of the color convergence parameter value set by the color convergence parameter setting means.

Claim 2 (Currently Amended): The image capture apparatus according to claim 1, ~~characterized in that~~ wherein the correction range setting data of the color convergence

parameter storage means is data for setting to the correction range a circular or elliptical range centered at the position of the predetermined color in the color-difference plane.

Claim 3 (Currently Amended): The image capture apparatus according to claim 1, ~~characterized in that~~ wherein the color convergence parameter storage means comprises a function for changing the color convergence parameter values.

Claim 4 (Currently Amended): The image capture apparatus according to claim 1, ~~characterized in that~~ wherein the image-taking mode selection means comprises a function for automatically selecting the image-taking mode information according to an image-taking environment.

Claim 5 (Original): An image capture apparatus, comprising:  
image-taking mode selection means, in which image-taking mode information containing information on a particular color determined according to a predetermined image-taking condition is set, for selecting desired image-taking mode information from the set image-taking mode information;

color convergence parameter storage means for storing a color convergence parameter value containing position data indicative of a position of a predetermined color in a color-difference plane, correction range setting data for setting to a correction range a predetermined range centered at the position of the predetermined color, and convergence coefficient data for converging a particular color corresponding to the correction range to the position indicative of the predetermined color;

color convergence parameter setting means for selecting and setting a color convergence parameter value for the corresponding particular color from the color

convergence parameter storage means on a basis of the image-taking mode information selected by the image-taking mode selection means;

particular-color extraction means for extracting a video signal of a particular color from a video signal on a basis of the image-taking information selected by the image-taking mode selection means;

luminance correction means for correcting a luminance level of the video signal according to a luminance level in the video signal of the particular color extracted by the particular-color extraction means; and

color convergence correction processing means for correcting the particular color in the video signal into the predetermined color on a basis of a correction amount calculated on a basis of the color convergence parameter value set by the color convergence parameter setting means.

Claim 6 (Currently Amended): The image capture apparatus according to claim 5, ~~characterized in that~~ wherein the luminance correction means calculates a proportion of the video signal of the particular color in the video signal and corrects the luminance level of the video signal of the particular color according to the calculated proportion.

Claim 7 (Currently Amended): The image capture apparatus according to claim 5, ~~characterized in that~~ wherein the correction range setting data of the color convergence parameter storage means is data for setting to the correction range a circular or elliptical range centered at the position of the predetermined color in the color-difference plane.

Claim 8 (Currently Amended): The image capture apparatus according to claim 5, ~~characterized in that~~ wherein the color convergence parameter storage means comprises a function for changing the color convergence parameter value.

Claim 9 (Currently Amended): The image capture apparatus according to claim 5, ~~characterized in that~~ wherein the image-taking mode selection means comprises a function for automatically selecting the image-taking mode information according to an image-taking environment.

Claim 10 (Canceled).

Claim 11 (New). An image capture method, comprising:

selecting, with an image-taking mode selection unit, desired image-taking mode information from the set image-taking mode information, in which image-taking mode information containing information on a particular color determined according to a predetermined image-taking condition is set;

storing, in a memory device, a color convergence parameter value containing position data indicative of a position of a predetermined color in a color-difference plane, correction range setting data for setting to a correction range a predetermined range centered at the position of the predetermined color, and convergence coefficient data for converging a particular color corresponding to the correction range to the position indicative of the predetermined color;

selecting and setting, with a color convergence parameter setting unit, a color convergence parameter value for the corresponding particular color from the memory device on a basis of the image-taking mode information selected by the selecting; and

correcting, with a processor, a particular color in a video signal into the predetermined color on a basis of a correction amount calculated on a basis of the color convergence parameter value.

Claim 12 (New). An image capture apparatus, comprising:

an image-taking mode selection unit, in which image-taking mode information containing information on a particular color determined according to a predetermined image-taking condition is set, configured to select desired image-taking mode information from the set image-taking mode information;

a memory device configured to store a color convergence parameter value containing position data indicative of a position of a predetermined color in a color-difference plane, correction range setting data for setting to a correction range a predetermined range centered at the position of the predetermined color, and convergence coefficient data for converging a particular color corresponding to the correction range to the position indicative of the predetermined color;

a color convergence parameter setting unit configured to select and set a color convergence parameter value for the corresponding particular color from the memory device on a basis of the image-taking mode information selected by the image-taking mode selection unit; and

a color convergence correction processing unit configured to correct a particular color in a video signal into the predetermined color on a basis of a correction amount calculated on a basis of the color convergence parameter value set by the color convergence parameter setting unit.